

HEV Fleet Testing

Advanced Vehicle Testing Activities



2001 Honda Insight

VIN #
JHMZE14781T002163



A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

Fleet Performance

Description:

This vehicle was operated throughout the State of Arizona by Bank One of Arizona's courier pool. It was operated 24 hours a day, six days a week, transferring documents between branches and a central processing center located in Phoenix on city streets and urban freeways as well in intrastate courier routes, with typical high-speed round trips of 100 to 300 miles.

Major Operations & Maintenance Events:

Replaced CVT transmission @ 89,230
Cost: \$3,000 (est. price)

Operating Cost:

Purchase Cost: \$21,170 (10/01)*
Kelly Used Vehicle Price: \$7,595 (11/05)
Sale Price: \$9,900 (10/05)
Maintenance Cost: \$0.05/mile
Operating Cost: \$0.06/mile
Total Ownership Cost: \$0.18/mile

Operating Performance:

Total miles driven: 160,091
Cumulative MPG: 44.98

* Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs. Gas figured at \$1.80/gallon.

Vehicle Specifications

Engine: 3-cylinder, 48 kW @ 5700 rpm

Electric Motor: 10 kW

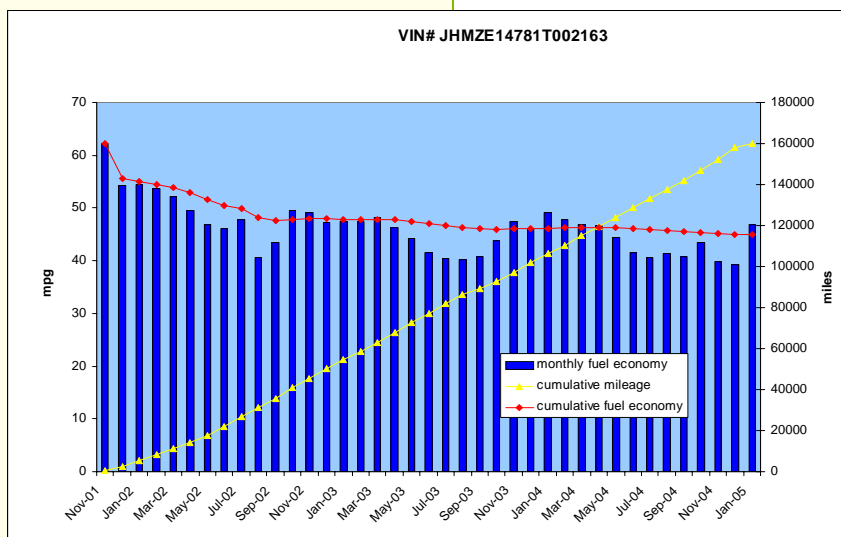
Battery: Nickel Metal Hydride

Seatbelt Positions: Two

Payload: 411 lbs

Features: Regenerative Braking
CVT Transmission

See HEVAmerica Baseline Performance Fact Sheet for more information.



For more information contact:
EERE Information Center
1-877-EERE-INF (1-877-337-3463)
www.eere.energy.gov



U.S. Department of Energy
Energy Efficiency and Renewable Energy

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FREEDOMCAR & VEHICLE TECHNOLOGIES PROGRAM

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Maintenance Sheet for 2001 – Honda Insight Hybrid



VIN #JHMZE14781T002163

Date	Mileage	Description	Cost
2/20/2002	7,595	Changed oil, rotated tires	\$27.00
5/9/2002	15,119	15K service	\$160.21
6/14/2002	19,290	Changed oil, rotated tires	\$27.00
7/9/2002	23,257	Changed oil, rotated tires	\$27.96
7/25/2002	25,887	Replaced two tires out of service	\$124.52
8/5/2002	27,250	Changed oil, rotated tires	\$28.54
8/26/2002	30,958	30K service - Major tune up, oil change, transmission service, coolant serv, fuel filter, air filter, battery service, rotation and	\$422.47
9/23/2002	34,846	Changed oil, rotated tires	\$30.07
10/18/2002	38,618	Changed oil, rotated tires	\$30.87
12/10/2002	46,712	Changed oil, rotated tires	\$30.90
1/30/2003	54,494	55K service	\$324.17
3/21/2003	62,150	Changed oil, rotated tires	\$30.90
4/22/2003	66,605	Replaced one damage tire	\$24.33
5/12/2003	69,605	Changed oil, rotated tires	\$30.90
6/6/2003	73,484	75K service	\$187.48
6/30/2003	77,160	Changed oil, rotated tires	\$31.88



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7/28/2003	81,532	Changed oil, rotated tires	\$30.25
8/21/2003	84,942	Changed oil, rotated tires	\$31.88
9/2/2003	86,358	Updated PCM software	\$-
10/6/2003	89,230	90K service - Replaced transmission, replaced front disk pads	\$764.29
11/3/2003	92,826	Changed oil, rotated tires	\$27.85
11/25/2003	96,931	Changed oil, rotated tires	\$28.17
12/22/2003	100,825	Changed oil, rotated tires	\$31.17
2/12/2004	108,465	15K service	\$256.32
4/5/2004	115,727	Changed oil, rotated tires	\$31.91
4/29/2004	119,566	Changed oil, rotated tires	\$30.63
5/27/2004	124,016	30K service	\$373.94
6/4/2004	124,973	Replaced headlight wireharness - recall	NC
6/24/2004	128,099	Changed oil, rotated tires	\$28.58
7/26/2004	132,687	Changed oil, rotated tires	\$31.63
8/26/2004	137,086	Changed oil, front brake service	\$202.01
9/28/2004	141,517	15K service - Replaced rear mount	\$464.98
10/2/2004	145,489	Changed oil, rotated tires	\$31.63
12/7/2004	153,678	15K service	\$233.77

